

THE IMMIGRATION OF LEPIDOPTERA TO THE BRITISH ISLES IN 1983

By R. F. BRETHERTON* and J. M. CHALMERS-HUNT**

(Continued from page 91)

ANNEXE I

Names of Recorders

D. Adams per CRP; Rev. D. J. L. Agassiz; J. Aldridge; M. Albertini; A. A. Allen; P. Andrewes per RIL; L. Annable; A. Archer-Lock; R. M. Arkell; G. F. Arnold; V. Arnold; F. Ashmore; T. Aston; D. W. Baldock; P. J. Barden; B. R. Baker; P. J. Baker; A. Barr per RIL; R. D. G. Barrington; A. Batten per CRP; R. Beale; D. Beech per AFJG; R. A. Bell; T. Bennett per HEC; Dr. N. L. Birkett; D. Bishop; J. E. L. Bishops; C. H. S. Blathwayt; P. Bliss per DCGB; K. G. M. Bond; D. J. Brazier per E. M. Raynor; R. F. Bretherton; J. Briggs; Dr. R. Bristow; A. T. Bromby; D. C. G. Brown; R. I. Brown; G. Burgess per RGSW; Grp. Capt. L. W. Burgess; R. Burrige per V. Tucker; J. P. T. Bury; John Burton; Miss S. M. Butlin; K. Butterfield per G. Prior; Martin Cade; R. N. Cain; Colin Campbell; Dr. J. L. Campbell; M. Cant; C. Carter per G. Prior; David Carter; G. P. Catley; Mrs. Cawkwell per CRP; J. M. Chalmers-Hunt; S. Chapman; R. G. Chatelain; B. Chesney; H. E. Chipperfield; I. C. Christie; S. Church per CRP; Dr. J. H. Clarke; R. Colack per CRP; L. T. Colley; R. C. Collier; G. A. Collins; P. Combridge; R. Cook; P. Cooper; M. H. V. Corley; W. L. Coster per B. Skinner; P. Cowdell per J. Duddington; Dr. J. C. A. Craik; B. Croach per CRP; D. P. Crossland per APF; R. Crowther per H. Wooltorton; J. Culpin; S. Curson per CRP; Sir John Dacie; P. A. Davey; A. H. Davis; R. E. Davis; T. Deane per D. W. Kydd; E. E. Deekes; R. C. Denning; Dr. R. L. H. Dennis; A. J. Dewick; S. F. Dewick; D. Dey; A. Dobbs; A. H. Dobson; Doncaster Museum; Dorest Environmental Centre; J. Duddington; Jeffrey Dyson; R. C. Dyson; Lt. Col. C. G. Eastwick-Field; C. H. Edwards; R. F. Eley per HEC; M. Elvidge; Lt. Col. A. M. Emmet; B. Elliott per B. Skinner; D. W. Emley per RGSW; M. A. Enfield; K. G. W. Evans; A. S. Ezard per PQW; R. Fairclough; Dr. J. Feltwell; Crispin Fisher; M. J. H. Foley; J. Forbes per ME; A. P. Foster; A. F. J. Gardner; P. J. Garner; S. V. Gauld per RIL; P. J. Gent; N. Gill; K. A. Gossling; Fr. A. Green; J. Green; J. A. C. Greenwood; J. M. Greenwood; E. Griffiths, Mrs. S. J. Grove; G. Gush; M. Hadley; E. C. M. Haes; L. A. Haldane per BMW; M. R. Hall; N. M. Hall; M. Halsey; A. J. Halstead; E. T. Hancock; T. W. Harman; Dr. M. W. Harper; Mrs. E. Harris per J. Green; Colin Hart; N. Harwood per PQW; R. F. Haynes; R. Hayward; N. F. Heal; J. Heath; C.

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Hindley; A. & N. Hobbs per CRP; L. P. Hollindale; C. Holmes; H. & M. Huggins; G. Hyde; D. Hursthouse; R. S. Ingram per PQW; R. M. Inskip; P. Jack; Mrs. E. D. Jackson; S. M. Jackson; J. P. Jewess; C. Jones; M. Jordan; Mrs. E. D. Kidd; Dr. R. P. Knill-Jones; S. A. Knill-Jones; D. W. Kydd; C. Lane; Dr. J. R. Langmaid; A. Lansbury per G. Prior; J. Lavery per RFH; J. Leedal per J. Briggs; D. Lees; W. B. Lepper; Miss H. Lefevre; R. Leverton per CRP; R. Lewington per BRB; Mrs. A. Lloyd-Jones; Miss L. Loach; R. I. Lorimer; V. Lorimer per RIL; R. Lovell-Pank; Dr. C. J. Luckens; Mrs. A. D. Lyle; Dr. B. J. MacNulty; I. A. McGeoch; J. McGuinness; I. McInnes; S. C. Madge; N. E. Marchant; H. B. Marshall; M. E. Masee per APF; C. L. Massey per PQW; P. M. Mayer; Mrs. J. Mayhew; J. R. Medcalf; B. Medland; T. Melling; R. K. Merrifield; P. Milne; T. R. Milsom; J. M. Mitchell; B. W. Moore; J. W. B. Moore; I. K. Morgan; Mrs. J. M. Morgan; R. K. A. Morris; G. Moss per RGSW; Dr. A. A. Myers; S. Nash; J. Newberry, RSPB; D. Newman; J. Newnham per CRP; R. A. Norman per RGSW; W. J. Norton; Dr. J. P. O'Connor; H. O'Heffernan; Oceanographic Institute; D. J. Odell; A. G. Owens; A. Palmer; Dr. H. G. Parker, M. Parsons per CRP; A. Pearson per D. C. Lees; Dr. T. N. D. Peet; E. C. Pelham-Clinton; K. Pellew; H. J. Phelps; J. W. Phillips; B. Pickess; A. J. Pickles; Mrs. R. Pike per AFJG; R. E. M. Pilcher; Rev. S. C. Pittis; C. W. Plant; S. Pooles; B. I. Porter; Dr. D. I. Porter; J. Porter; B. O. Portland per NMH; D. Prance; C. R. Pratt; G. Prior; G. A. Pyman; A. Quinian; B. Rabbits; J. T. Radford per CRP and B. Skinner; E. M. Raynor; P. Raynor; R. W. J. Read; Mrs. J. Redgwell; Mrs. D. R. Rees; R. C. Revels; Rigden per E. S. Bradford; A. Riley; I. Rippey per RFH; M. Rogers, Portland B. O.; C. C. Rollins; A. Rouse; W. L. Rudland; K. Ruff per CRP; A. D. A. Russwurm; L. P. Samuels; D. Sampson per PQW; J. A. Sage; P. Sankey-Barker; D. L. F. Sealey; P. Sharp; D. J. Sharrock, 'British Birds'; D. Sheldon; D. Shepherd per G. Prior; T. B. & M. A. Silcocks; B. Skinner; B. E. Slade; B. Slocock per G. Prior; J. Smith per G. Prior; Dr. J. H. N. Smith; P. Smout; R. A. Softly; A. Spalding; B. R. Spence; B. R. Squires; B. Statham per B. Skinner; B. R. Stallwood; R. W. C. Steel; Lt. Col. D. H. Sterling; P. H. Sterling; R. C. Stone; Miss T. Strange; D. D. B. Summers; S. Swanson; D. Swinton; R. Taffs; M. H. Taylor, Perth Museum; C. F. Tebbutt; J. Tillotson; R. J. Thomas; S. A. B. Thompson; R. A. Thorne; J. Thurlow; D. A. Trembath; W. G. Tremewan; J. K. Trotman per G. Prior; R. S. Tubbs; V. Tucker; N. E. Turner; M. W. F. Tweedie; D. Unsworth; T. W. Upton; M. Ventom; J. M. Walters; P. Waring; D. Warren per B. Skinner; Miss E. Warren; R. B. Warren; R. G. S. Warren; A. Watchman per HEC; N. R. Webb; K. F. Webb; B. Westwood; P. D. Whitehead; J. Whiteside per J. Briggs; E. H. Wild; D. E. Wilson; J. Wilson; P. Q. Winter; I. Woiwod; H. Woollorton; N. G. Wykes; G. H. Youden.

ANNEXE II

Suspected immigrants of resident species are marked*. Unless otherwise indicated, single examples are referred to. For nocturnal species dates given are as far as possible of the beginning of the night and are of examples seen in light traps or otherwise at light. Recorders' names are abbreviated to their initials, except when two or more recorders have the same initials, in which case their names appear in full (see Annexe I: Names of Recorders).

**ETHMIA BIPUNCTELLA* F. HANTS S. Highcliffe, 16.8, with *R. sacra* and *M. vitellina* (EHW). Possibly immigrant, as there is none of the foodplant, *Echium*, nearby.

CRYPTOPHLEBIA LEUCOTRETA Meyrick. HANTS S. Southsea, 10.8 (JRL). Possibly from imported oranges.

DARABA LAISALIS Walker. BEDS. Luton, 30.7 (Webb, *Ent. Rec.*, 96: 123). SURREY. Wimbledon, 18.7 (Dacie, *ibid.*). Perhaps artificially introduced.

URESIPHITA LIMBALIS D. & S. (3) CORNWALL W. Rosewarne, 1.10 (per A. Riley & IW). DORSET. Portland East Cliff, 24.9 (NMH). GUERNSEY. Lethene, 24.8 (TNDP).

EURRHYPARA PERLUCIDALIS Hb. (16) ESSEX S. 7/27.7, twelve (AJD, SFD). East Ham, 15.7, in a suburban garden (CWP). KENT E. Murston, 4.7 (NFH). Stodmarsh, 22.7, two (JMC-H). Probably now resident in both counties.

DIASEMIA LITTERATA Scop. SOMERSET S. Porlock, 29.7 (ECP-C).

PALPITA UNIONALIS Hb. (c.12). CORNWALL W. Mawnan Smith, 20.8, male (APF). Coverack, 23.9 (ECP-C). Lizard, 24.9 (DCGB). ESSEX S. Bradwell-on-Sea, 4.10 (SFD). HANTS ISLE OF WIGHT. Freshwater, 22.9, 30.9 (SAK-J). HANTS S. Havant, September (JWP). KENT E. Boughton Aluph, 4.10 (MAE). SURREY. Egham, 3.10 (MJ). SUSSEX E. Peacehaven, 26.9 (CHP). GUERNSEY. Lethene, 24.9/1.10, a few (TNDP).

MARUCA TESTULALIS Geyer (2). SURREY. Wimbledon, 29.7 (Dacie, *Ent. Rec.*, 96:28). CORNWALL W. Mawnan Smith, 15.8 (APF, *ibidem*). The capture of these two specimens simultaneously with other rare immigrants indicates that it is not only artificially introduced in Britain, as was previously supposed.

PAPILIO MACHAON L. (3) KENT E. Whistable, n.d., in a garden, missed but identification definite (C. Hindley per TWH in litt. 14.6.83). SUSSEX E. Brighton, 8.8, two on buddleia (AQ).

COLIAS HYALE L. or *C. AUSTRALIS* Vty. (5) CORNWALL W. Goldsithney 24.9, male, examined before release (EG). DEVON S. Ernsettle, Plymouth, 29.7, male captured and released during marking experiments on *C. crocea* (EG). DORSET. Portland B.O., 1.8, 2.8, the first captured and closely examined by several ob-

servers before release; the second closely seen (MR per NMH). HANTS S. Highcliffe, 29.7, watched for some time with c.20 *C. cardui*, but not caught owing to lack of net (EHW).

LAMPIDES BOETICUS L. (2) SOMERSET S. Staple Fitzpaine, 7.8, closely identified by an observer with knowledge of the species in East Africa (LAH per BWM. *Ent. Rec.*, 96: 33). GUERNSEY. 3.9, one seen by a reliable observer (per TNDP).

*NYMPHALIS POLYCHLOROS L. (2) HANTS ISLE OF WIGHT. Freshwater, 29.7, flew into sitting room (SAK-J). SUSSEX E. Northiam, 29.7, settled on ivy (BC per CRP).

NYMPHALIS ANTIOPA L. (10) BERKS. Crowthorne, 23.9 (Chalk, *Bull. Amat. ent. Soc.*, 43:81). CORNWALL SCILLY. St. Mary's, mid October (PA per RIL). HANTS ISLE OF WIGHT. Totland Bay, reported 5.9 (Kiszely per Knill-Jones, *Proc. Br. ent. nat. Hist. Soc.* 17:44). Saltfleetby-Theddlethorpe dunes, 8.8, flying off sea with *C. crocea* and many Vanessids (MEM, warden, per APF). LINCS N. Southrey to Bardney old railway, 20.9, two together on bramble blossom (P. Cowdell per J. Duddington). MIDDLESEX. Euston Road, London, 27.10, flying at mid day (DPC per APF). NOTTS. Lound, 9.9, flying along riverside (DH). OXON. Aston Rowant, 25.9 and 4.10 (JKT per GP). SUSSEX E. Woodingdean, Brighton, 30.8 and two next days (KB per CRP). WORCS. Knighwick, late 8, on buddleia (Mrs. E. Harris per J. Green).

*POLYGONIA C-ALBUM L. (2) DEVON S. Axminster, 26.9, two males in light trap with other immigrants; none seen in the neighbourhood by day (ECP-C).

DANAUS PLEXIPPUS L. (c.13) The occurrence of this species is supported by a meteorological check of wind streams kindly provided by Mr. P. A. Davey. CORNWALL SCILLY. Tresco, early October, several, 20.10, two (PA per RIL). CORNWALL E. Rame Head, 25.9, watched through binoculars by RT and others (per SCM). Mouth of Fowey river, 24.9, near the sea, seen at 20 yards and watched with binoculars, flying over hawthorn bushes (RCC). DEVON S. Soar Mill Cove, 25.10, seen by R. Burrige (who had experience of it in America) (per VT). DORSET. Dorchester, seen c.19/25.9; Portland B. O., 24.9 at dusk and 25.9 early a.m., closely seen (A. H. Davis). HANTS ISLE OF WIGHT. St. Catharines Point, 20.6 (DJB per EMR). HANTS S. Pennington Marsh, 24.9 (PC). SUSSEX W. Chilgrove, 26.9, flying, seen from car (S. Church). SUSSEX E. Shoreham, 31.8, in bird trapper's net (J. Newnham per CRP). CARMARTHEN. Burry Port Power Station, 17.9, seen flying in from the sea (Jones, *Ent. Rec.*, 96:81). CO. WICKLOW. August, caught by a boy and identified dead by Mrs. Jack of Belfast (IR per RFH).

*LASIOCAMPA QUERCUS L. HERTS. Much Hadham, 14.7, apparently of a Continental form (DEW).

CYCLOPHORA PUPPILLARIA Hb. (3) DORSET, Swanage, 30.9 (B. Skinner). ESSEX S. Bradwell-on-Sea, 5.10, female (AJD). HANTS S. Highcliffe, 25.9 (EHW).

*SCOPULA RUBIGINATA Hufn. ESSEX S. Bradwell-on-Sea, 14.8, male (AJD). Possibly immigrant; otherwise stray from haunts in Suffolk.

*IDAEA VULPINARIA ATROSIGNARIA Lempke. KENT E. Dungeness, 22.7 (B. Skinner). Date and place suggest immigration; otherwise extension of further recent spread.

*IDAEA OCHRATA Scop. HERTS. Rothamsted, 19/20.7 (Riley, *Ent. Rec.*, 96: 102).

RHODOMETRA SACRARIA L. (c. 1050) BEDS. Luton Hoo, 27.9, three (VA). Luton, 27.9, f. *sanguinaria* (KFW). Cockayne Hatley, 26.9. Woburn Sands, 1.10 (per A. Riley & IW). BERKS. Littleworth, August, eight (MHVC per GP). Uffington, 30.8, many later (Classey, *Ent. Gaz.* 35: 110). Buckland Warren, 1.9 (JLC per GP). Wytham Wood, 1.9 and numbers later (PW). Didcot, 26.9, six (per MA); 29.9 (R. Lewington per BRB). BUCKS. Near High Wycombe, in stubble, 28.8, many (Classey, *Ent. Gaz.* 35: 77). Marlow, August/September; Hazlemere, 9.9; Dorney Reach, n.d. (per MA). CAMBS. Cambridge, 26.9, two (RCR). CORNWALL W. Porthleven, 18/31.8, three (NG). Lizard, 20/28.8, eighteen, 24.9, five, 8.10, two (DCGB), 5.9 (B. Skinner). Coverack, 23.9 (ECP-C), 25.9, in a.m., 27.9, many; Goonhilly Downs, 27.9, still more; Gunwalloe, 25.9 (JHCC); Mawnan Smith, 20.8, 25.9, two (APF). CORNWALL E. Sheviock, 10.8, 18.8, 27.8, 7.9, 26.9, two, 5.10, 6.10, five (SCM). Trebrownebridge, 4.9, two, 13.9, two 23/28.9, nineteen; Bodmin Moor, 22.8 (AS); Davidstow Airport, 27.9, by day (SCM). CORNWALL W. Rosewarne, 13.6, 24/31.8, eight, 24.9, 26.9 (per A. Riley & IW). DEVON S. Axmouth, 27.7 (AME), 9.9, 16.9, 25.9, five, 26.9, a few by day, twelve in trap, 27.9, two by day, twenty in trap, 28.9, Shaldon, 26.9, a few by day (ECP-C). Yarnar Wood, 16.8, 19.8, 20.8, 24.8, 31.8, 16.9, 23/30.9, twenty-eight, 1/6.10, six, 10.11, two (A. Riley & IW). DORSET. Portland B. O., 26.7, 22.8, 23/28.9, two by day, twenty-nine in trap (per NMH), on cliff, 24.9 (GAC), 24.9 (RKAM), 28.9/10, none to be seen (ECP-C). Preston, 14.8, 23/30.9, eight, 3.10; Lodmoor, 26.9, by day in long grass (M. Cade). Arne, 15.8, 22.9 (BP). Swanage, 24.9 (B. Skinner). Brownsea Island, 6.4, 11.4 (ATB). Furzebrook, 17.6, 10.8, 19.8, 27.9, five, 28.9, three (NRW). Studland, 23.9 (DCGB). ESSEX S. Bradwell-on-Sea, 24.8, two, 26.8, two, 2.9, 7.9, 14.9, 23/30.9, fifty-eight, 1/9.10, fifteen, 9.11 (AJD, SFD). Little Baddow, 27.9, two, 6.10 (GAP), Grays, 29.9, 1.10, 2.10 (DJLA). GLOS S. Weston Birt, 31.8, 7.9, two, 25.9, 27.9 (per A. Riley & IW). HANTS ISLE OF WIGHT. Freshwater, 27.9, four (SAK-J). HANTS S. Hayling Is., 18.7, 31.8, 26/29.9, seven (JMW). New Forest, 23.7 (HEC). Winchester, 25.7, 24.9, 29.9, 1.10

(DHS). Brockenhurst, 23.7 (M. Halsey). Highcliffe, 25.7, 15.8, 22.8, 23/26.9, thirty-eight, singles to 30.9 (EHW). Boldre, 26.9, nine, 27.9, nine, 27.9, seven (ADAR). St. Leonard's, 30.9, two, 3.10 (GHY). HANTS N. Alice Holt, 24/26.9, six (per A. Riley & IW). Burghclere, 17.7, 24.7, 20.8, 31.8, two, 4.9, 24/30.9, twenty-seven, 2.10 (CG-EF). Weyhill, 24.7, 26.7, two, 28.8, 31.8, 25/30.9, thirty-nine (MJ). Oakley, 5.8, f. *sanguinaria* (A. H. Dobson). HERTS. Potters Bar, 29.9 (RL-P). Broxbourne Woods, 28/29.9, five (DEW). HUNTS. St. Ives, 27.9 (JH). ISLE OF MAN. Castletown, 23.7; Derbyshaven, 25.7 (KGMB). Castletown, 7.8, 1.10 (per A. Riley & IW). KENT E. Whitstable, 7.9 (R per ESB). Sandwich Bay, 31.8; Westbere, 25/29.9, five (TWH). Newington, 23/28.9, twelve, 3.10, three (CL). Walmer, 25.9, 28.9 (Rouse, *Bull. Amat. ent. Soc.*, 43:16). Detling Hill, 25.9 (NFH). Boughton Aluph, 26.9, 30.9, two; Nackholt Wood, Brabourne, 6.10 (MAE). LANCS N. Blackburn, 27.9, three (J. Whiteside). LINCS N. Massingham, 8.9, two; Gibraltar Point, 29.9, four; South Thoresby, 29.9, 4.10 (REMP). NORTHANTS. Northampton, 27.9, 29.9, 2.10 (P. Sharp per P. J. Gent). NOTTS. Cropwell Butler, 10.9, 24.9 (NEM). OXON. Caversham, 25.9, 27.9 (BRB). Clanfield, 29.9 (B. Slocock). Hook Norton, September (D. Shepherd). SOMERSET S. Porlock, 3.9 (ECP-C). SOMERSET N. Berrow, 23.7 (BES). Weston-super-Mare, 25.9, October, a few (CHSB). STAFFS. Eccleshall, 31.7 (GM); Houndsworth Wood, 2.9 (RAN); Trent Vale, 8.9 (DWE); Keele, 9.9, Scott Hay (GB) (all per RGSW). SUFFOLK E. Wickham Skeith, 20.8, 27.9 (APF). Walberswick, 28/30.9, four, 6.10, 15.10, 26.10 (HEC). SUFFOLK W. Monks Eleigh, 2.8, 26.9, 28.9 (AW per HEC). SURREY. Rushmoor, 29.7, 26/30.9, twenty-four, 1.10 (PAD). Wimbledon, 26.9, 27.9, 1.10, two (Sir John Dacie). Thorpe, April, August, five (P. J. Baker). South Croydon, 1.8, 9.9, 24/29.9, seven (GAC). Wisley, 21.8, 27.8, 25/30.9, nine (AJH). Bramley, 21.8, 13.9, 17.9, 23/30.9, fourteen, 3.10, 6.10, 9.10 (RFB). Leigh, 13.9, 23/29.9, seventeen, 4.10 (RF). Buckland, 22.9, 25/30.9, eleven, 4.10 (C. Hart). Addington, 23/30.9, c. twelve (B. Skinner). Milford, 29/30.9, c. six (DWB). Dorking, 23/30.9, seven (DAT). Mitcham, 26/29.9, seven (RKAM). SUSSEX W. Walberton, 21.7, 23/30.8, six, 9.9, 12.9, three, 24/30.9, forty, 1/10.10, fifteen (RTR per CRP). Rogate, 23/31.7, four, 3.8, 4.8, 9.8, three 13.8, 18.8, 26.8, 31.8, 4/9.9, eight, 13.9, 18.9, 21/30.9, fifteen, 1/7.10, six, 11.10, 14.10 (JACG); West Chilington, 29.7, 20.8 (JTR per CRP). Slindon, 30.7; Coates, 21.8; Church Norton, 22.8 (JTR per CRP). Fittleworth, 6.9 (SP). Bolney, 25.9 (DD). Pagham, 26.9, six, 28.9 (JTR per CRP). Shoreham, 27.9, by day (R.C. Dyson). Hassocks, 14.10, two (DD). SUSSEX E. Newhaven, 18.7, by day (DA per CRP). Peacehaven, 22.7, 29.7, 1.8, 22.8, 26.9, 29.9 (CRP). Ninfield, 5.8, 8.8, 21.8, 22.8, two, 26/30.9, ten, 1.10 (MP per CRP). Lewes, 17.9, by day (H. Leverton per CRP). Heighton, 23.9,

26.9, 30.9 (S. Curson per CRP). Ringmer, 24.9 (A. Batten per CRP). Brighton, 25.9 (KR per CRP). Abbot's Wood, 29.9, two (CRP). WARWICKS. Rugby, 16.6 (DIP). Luddington, 29.8, 30.8, two, 28.9 (per A. Riley & IW). Charlecote, 5.9, 14.9, 26/30.9, seventy-five, 2/9.10, five, 19.10 (AFJG); 25/30.9, seven (DCGB). Erdington, 1.10 (NMH). Coventry, 3.10 (M. Halsey). Hampton Wood, 6.10 (AFJG). WORCS. Compton, 28.9 (per Rothamsted). Evesham, 3.10 (per A. Riley & IW). YORKS (v.c.61). Spurn, 26.9 28.9 (B. R. Spence). Rudston, 26.9 (ASE per PQW). Muston, 28.9, two flushed from stubble (PQW). Yorks (v.c.62). Scarborough district, 29.9, two (per PQW). YORKS (v.c.64). Harrogate, 28.9 (per A. Riley & IW). WESTMORLAND/FURNESS. Ulverston, 6.8, 27.9 (ETH). Beatham, 23/28.9, four (J. Briggs). BRECKNOCK. Pontar-Dulas, 11.9, 19.9 (HGP). CARMARTHEN. Rhandirmwyn, 23/30.9, seven (per A. Riley & IW). GLAMORGAN. Rhoselli, 7.8, 20.8 (BJMcN). MONMOUTH. Llanfoist, 26.9 (NLB). PEMBROKE. Goodwick, 24/30.9, twenty-five, 3.10, 6.10, 9.10, two (WLR). ARGYLL (v.c.98). Barcaldine, 27.9, two (JCAC). DUNBARTON. Gartlea, 24.9, two, 26.9 (ICC). ISLE OF ARRAN. West Arran, 24.7, two by day (RPK-J). ISLE OF MULL, N.d. (A. Barr per RIL). RENFREW. Glasgow, 24/27.9, 27/28.9, 1.10, all in trap (RPK-J). Co. CORK. Fountainstown, n.d, thirteen (AAM). Co. Dublin, 29.9 (KGMB). Co. KERRY. Killarney, 9.10 (RFH). GUERNSEY. Lethen, mid July, three, mid September, twenty, 4.10 (TNDP).

ORTHONAMA OBSTIPATA Hb. (56). BUCKS. Marlow, 7.8 (per MA). CORNWALL W. Porthleven, 18/31.8, three (NG). Gunwallow, 22.9, 28.9 (JHC). Lizard, 25.8, 24.9, two (DCGB). CORNWALL E. Trebrowbridge, 12.10, male, 17.10, male, 11.11, female (AS). DEVON S. Axminster, 18.8, 27.9 (ECP-C). Yarner Wood, 11.10, 9/11.11, five (per A. Riley & IW). DORSET. Swanage, 24.9 (JHC). ESSEX S. Bradwell-on-Sea, 6.11, two females, 12.11, 13.11, three females, one male (AJD, SFD). HANTS S. Highcliffe, 16.7, two, 19.7, 28.8, 7.9, 5.11 (EHW). Hayling Is., 24.7; Winchester, 31.8 (DHS). HANTS N. Weyhill, 28.9, female (MJ). KENT E. Newington, 21.8, female, 5.11, two females (CL). KENT W. Charlton, 4.6, female, 17.6, male (Allen, *Ent. Rec.*, 96:82). SUFFOLK E. Walberswick, 6.11 (HEC). SURREY. Mitcham, 21.7, worn male (RKAM). Leigh, 5.11 (RF). Bramley, 6.11, two males (RFB). SUSSEX W. Walberton, 10.6, 20.9, 2.10, 16.10, 1.11, 2.11, 8.11, two (JTR). Rogate, 1.10 (JACG). SUSSEX E. East Grinstead, early 6, two (KGWE). Peacehaven, 27.7, 31.8, 5.11, 7.11 (CRP). Ninfield, 8.11 (MP per B. Skinner). WARWICK. Luddington, 31.8 (per A. Riley & IW). Charlecote, 7.9 (AJG). PEMBROKE. Goodwick, 24.9, female (WLR). GUERNSEY. 29.9, only record (TNDP).

AGRIUS CONVULVULI L. (c.450 in G. B., ova & 5 larvae; Ireland c.20; Guernsey c.60). BERKS. Faringdon, at Nicotiana,

6.9 (Nash, *Bull. Amat. ent. Soc.*, 43:48). BUCKS. Bledlow, 28.8 (per MA). CORNWALL SCILLY. St. Mary's. c.11.10, four, c.20.10, two (PA per RIL). CORNWALL W. Lizard, 17/30.8, sixty-eight (DCGB); 25.8, a halved gynandromorph (AFJG); 7.9 (B. Skinner); n.d. two ova on *C. arvensis* (BE per B. Skinner). Porthleven, 18.7/31.8, eleven (NG). Gunwalloe, 28.7, 25.9 (JHC). Coverack, 21.9, 23.9 (ECP-C); 25.9 worn (JHC). Blackwater, 22.8 (WGT). Sennen, 27.9 (VT per SCM). CORNWALL E. Millbrook, 13.8, 4.10; Shevioc, 31.8, 3.9, 12.9, at least ten at Nicotiana, fewer regularly until 30.9, two (SCM). DEVON S. Chillington, 17.8/2.9, thirty, 6/17.9, eight, of which 15 in trap, 23 at Nicotiana (HO'H). Axminster, 17.9, 3.10 (ECP-C). Budleigh Salterton, 23.8/10.10, c.75 with 50 in trap and 25 at Nicotiana (HW). Otterton, pupae, 3.9, 15.9, two (R. Crowther pre HW). DORSET. Studland, 17.8, three, 23.9 (DCGB). Portland B. O., 26.7, 20/31.8, ten, 12.9, 24.9, 26.9, three, 28.9 (NMH); 1.10 (ECP-C). Preston, 8/10.9, six, 20/30.9, fifteen, 2.10 (M. Cade). Uploders, 27.9/7.10, c.ten (NGW). Swanage, 30.9 (B. Skinner), 1.10 (KFW). ESSEX S. Bradwell-on-Sea, 19.8, 22.8, 24.8, 1/15.9, six, 27.9 29.9 (AJD, SFD). HANTS ISLE OF WIGHT. Freshwater, 27.7, 27.9, two, 14.10 (SAK-J). Bouldnor, 29.8 (DEW). HANTS S. Highcliffe, 5.9 (SCP); 23.8, two, 4.9, two, 5.9, 14.9, 25.9, four, 27.9, two (EHW). Beaulieu, 23.9 (J. Forbes per ME). Brockenhurst, 6.9, 24.9 (LWB). Hayling Is., 28.9, 30.9, 2.10, 3.10, 5.10 (JMW). HANTS N. Weyhill, male (MJ). HEREFORD. Garway, 1.9 (Strange, *Bull. Amat. ent. Soc.*, 43:29). HERTS. Harpenden, 23.8 (per A. Riley & IW). KENT E. Sandwich Bay, 31.7, two (TWH); 23.9 (A. Palmer). Westbere, 16.9, 23.9, two (TWH). Westgate-on-Sea, 24.9; Beltinge, 24.9; Canterbury, 22.9; Boughton Aluph, 17.9, 26.9, 30.9 (MAE). Folkestone, 23.9; Hythe, 24.9, 15.10; Walmer, 21.9 (Rouse, *Bull. Amat. ent. Soc.*, 43: 16,48). Chilham, October, one larva (MAE). Woodnesbrough, 23.8, one larva; Ramsgate, one larva (TWH). LINCS N. Gibraltar Point, 29.8 (REMP). South Thoresby, 31.8, 4.9, 6.9, 7.9, 8.9, 14.9, 26.9, 2.10 (all singles marked before release, but no recaptures) REMP). OXON. Alvescot, 23.8; Clanfield, 26.9; Oxford, 6.9, at Nicotiana; Wootton Down, Woodstock, 5.10 (per GP). SUFFOLK E. Norton, 11.9, three, 27.9; Kelsale, 26.9 (RFE per HEC). SUFFOLK W. Ixworth, 12.9 (RFE per HEC). Walberswick, 27.9, 28.9, 4.10; Wolverston, 30.9 (HEC). SURREY. Bramley, 7.9, very dark female (RFB). Rushmoor, 23.9, 26.9, two, 1.10 (PAD). Leigh, 15.9, 24.9, 3.10 (RF). Tolworth, 27.9 (JP). Putney, 1.10 (DLFS). SUSSEX W. Walberton, 19.8, 23.8, two, 24.8, 27.8, 12/28.9, fifteen, 3/6.10, four, 17.10 (JTR). Worthing, 24.9 (D. Sheldon). Midhurst, 25.9 (per DJLA). Pagham, 28.9 (JTR). Selsey, 4.10 (P.Cooper per DC). Rogate, 6.9, on conifer trunk (JACG). SUSSEX E. Eastbourne, 5.8, 13.9, 20.9, 6.10; Peacehaven, 7.9, 12.9, 21.9, 2.10; Hastings, 10.9, 10.10; Uckfield, 10.9; Wesmeston, 11.9; Beachy Head, 11.9; Newhaven,

14.9, 18.9; Woodingdean, 14.9, eight at rest near street lamp, 5.10, two; Heighton, 13.9, 14.9, 24.9, 27.9; Barcombe, 23.9, 25.9; Plumpton, 26.9; Telescombe, 27.9; Polegate, 28.9; Ninfield, 28.9, two, 2.10, 3.10; Haywards Heath, 4.10 (CRP). Nutley, 29.9 (R. Colack per CRP). WARWICK. Charlecot, 3.9 (DCGB); 4.10 (AFJG). WESTMORLAND/FURNESS (v.c.69). South Walney, 17.6 (TD per DWK). Ulverston, 17.8, 1.9 (EFH). Beetham, 5.10, 6.10 (J. Briggs). WILTS N. Crockerton, 6.10 (HGP). WORCS. Simton Green, 2.10; Stourport, n.d. (per JG). YORKS (v.c.61). Muston, 19.8, 5.10, 20.10; Filey, 13.9; Atwick, 14.9; Drifffield, 13.9, last instar larva (per PQW). YORKS (v.c.62). Newby, Scarborough, 6.9; East Ayton, 13.9 (per PQW). YORKS (v.c.64). Grassington, 19.10 (per Miss HL). CAERNS. Bangor, 7.10, moribund by the pier (per Mrs. J. M. Morgan). GLAMORGAN, Mumbles, 20.9 (SJG). MERIONETH. Talsarnau, 16.9 (per Mrs. J. M. Morgan). PEMBS. 8 & 9.10, two (J. Tillotson). ORKNEY. Papa Westray, 28.8 (per RIL). SHETLAND. Gutcher, N. Yell, 15.8; Scallaway, end August, in a school; Westerlock, 2.9; Burravoe, S. Yell, 6.9; Sandwick, south Mainland, 4.9, found dead; Sullum Voe, north Mainland, early September, Burra, mid September, found dead; North Roe, Mainland, 21.9 (N.C.C. warden per M. Hadley). Co. CORK. Fountainstown, n.d., twelve (AAM). Co. CLARE. Doomore, 18.9, fresh (NMH). Co. DUBLIN. St. Morgan, 13.9, in a garden (per KGMB). Co. GALWAY. Kylemore Common, 28.8 (Chatelain, *Ent. Rec.*, **95**: 243). Co. KERRY. Killarney, 24.9 (RFH). Tralee, 24.9 on a clothes line (J. Lavery per RFH). AT SEA. RRS "Challenger", 29.9, collected on deck flying round mast at dawn 51° 32'N, 12° 34'W; 26.9, two, flying round the ship at 9 a.m. 49° 46'N, 14° 02'W (Institute of Oceanographic Sciences). GUERNSEY. 20.8/4.10, over 60, maximum 22.9, twelve (TNDP).

*HYLOICUS PINASTRI L. KENT E. Dungeness, 4.6, fresh male at m.v. light (RKAM).

ACHERONTIA ATROPOS L. (23 moths, c. 15 larvae, 6 pupae). CAMBS. S. Cambridgeshire, July, two larvae on potato (per DC). CORNWALL W. Goonhilly Downs, 14.6 (Smith, *Ent. Rec.*, **95**:222). Kynance Cove, 30.8 (R. Cook). Coverack, 21.9 (ECP-C). DEVON S. Metcombe, n.d., one dead larva and five pupae in a potato field, moth emerged 9.9 (per GG). DORSET. Swanage, 30.9 (B. Skinner). Wareham, late September, pupa; Portland, 27.8 (Dorset Environmental Centre). HANTS ISLE OF WIGHT. Bembridge, 11.10 (SAKJ). HANTS S. Romsey, flew into a window ("Southern Echo", 12.10, per RAB). Winchester, n.d., ten larvae (per RAB). KENT E. Crundale, early 9, two (WBL). Westbere, 22.9 (TWH). Dover, June, found dying on a dustbin, reported in local paper (Rouse, *Bull. Amat. ent. Soc.*, **43**:16). MIDLX. Islington, 15.8 (S. Grant per DC).

OXON. Cowley, 30.9; Kingston Blount, 30.9, two larvae (1L per GP). SHROPSHIRE. Aston-on-Clun, October, taken from a bee-hive (Norton, *Ent. Rec.*, 96:36). Acton, 15.10 (per Mrs. MJM). Wrexham, 1.11 (per Mrs. MJM). SUSSEX W. Portslade (Mrs. C. per CRP). WARWICK. Kingsbury Water Park, 12.10 (Thomas, *Ent. Rec.*, 96:75). YORKS (v.c.61). Between Kilnsea and Easington, 7.9, on shore (B. R. Spence). YORKS (v.c.62). Guisbrough, September, in garden (NH per PQW). Thirsk, 13.10 (per PQW). ORKNEY. Stronsay, 28.9, on s.s. "Orcadian", after night birth at Kirkwall (SVG per RIL). RENFREW. Glasgow north, 27.9 (RPK-J). Co. CAVAN. Ballyhealen, 2.8, on coat in a garage (JPO'C). Co. CORK. Fountainstown, n.d., two (AAM). Co. DUBLIN. Ringstead, 28.9, female (KGMB). GUERNSEY. Lethene, 31.8 (TNDP).

DAPHNIS NERII L. GUERNSEY. Lethene, 26.9, first record since 1923 (TNDP).

HYLES GALLII Rott. (2 moths, 1 larva). HANTS N. Sparsholt, 16.7 (RAB per B. Skinner). WILTS. S. Bentley Woods, 14.7 (PW per R. Pitman). PERTHSHIRE S. Almondbank, Perth, 21.9, one nearly fullgrown larva (Taylor, *Ent. Rec.*, 96:36).

THAUMETOPOEA PROCESSIONEA L. CORNWALL W. Mawnan Smith, 19.8, very worn male with *M. loreyi* and other immigrants (Foster, *Ent. Rec.*, 95:216). Probably the first genuine British record.

*EUPROCTIS CHRYSORRHOEA L. SURREY. Wisley, 17.7, male (AJH). WILTS S. Bentley Woods, 14.7 (PW). YORKS (v.c.61). Spurn, 18.7, 19.7, 20.7, 23.7, two, 25.7 (B. R. Spence). Dates coincide with those of other unusual immigrants, but sudden internal spread in south and south east winds seems a more probable cause: of these and other unusual records compare 1982.

LYMANTRIA DISPAR L. CORNWALL W. Mawnan Smith, 19.8, male with *T. processionea*, etc. (Foster, *Ent. Rec.*, 95:216).

*LYMANTRIA MONACHA L. Sussex E. Rye, 13.8, rather worn, after *Eurois occulta* on 12.8 (MWFT). Possibly immigrant, though certainly a common resident in the Weald of west Kent and east Sussex.

*PELOSIA MUSCERDA Hufn. (5) ESSEX S. Bradwell-on-Sea, 24.7 (AJD). KENT E. Orlestone Forest, 16.7 (GAC). KENT W. Bromley, 20.7, male (Clarke, *Ent. Rec.*, 96:55). SUSSEX E. Playden, 18.7, rather worn (MWFT). SUSSEX W. Pulborough, 22.7 (JTR). The dates and scattered distribution are suggestive of immigration, probably from the Ardennes. The only known colonies in Britain are in the Norfolk Broads.

*EILEMA PYGMAEOLA Z. (2) SUFFOLK E. Near Thorpeness, 18.7, two well inland (B. Skinner). Possibly immigrant, otherwise wanderers from coastal habitats in Norfolk and East Kent.

*LITHOSIA QUADRA L. HANTS S. Highcliffe, 17.7, 19.7, males (EHW). Possible immigrants, as in 1982. Also reported from Cornwall: Shevioc, 6.10 and Trebrowbridge, 25.7, where it is probably resident, and also from co. Sligo, 23.7.

*MEGANOLA ALBULA D. & S. DEVON S. Yarner Wood, 22.7 (per A. Riley & IW). ESSEX S. Bradwell-on-Sea, 14.7, 18.7, 20.7, 24.7 (AJD, SFD).

*NOLA AERUGULA Hb. ESSEX S. Bradwell-on-Sea, 23.7 (AJD). SUFFOLK E. Near Thorpeness, 18.7 (B. Skinner).

*EUPLAGIA QUADRIPUNCTARIA Poda. DORSET. Portland B.O., 19.8, 20.8, seen in garden, 25.8, in trap (NMH). Possibly immigrant, otherwise straying from S. Devon.

OCHROPLEURA FENNICA Tausch. WARWICKS. Rugby, 14.8, male (DIP).

OCHROPLEURA LEUCOGASTER Freyer. SUSSEX W. Walberton, 17.10 (JTR, BENHS Exhibition). First British record.

EUROIS OCCULTA L. (8) BERKS. Sunninghill, 27.8 (per MA). HANTS S. Brockenhurst, 9.8 (ADAR, BENHS Exhibition). Lincs N. South Thoresby, 29.8 (REMP). SURREY. Buckland, 8.8, pale form (C. Hart). South Croydon, 31.8 (GAC). SUSSEX E. Playden, 12.8 (MWFT). YORKS (v.c.61). Rudston, 28.8 (ASE per PQW). DENBIGH. Gresford, 8.8 (per Mrs. JMM).

MYTHIMNA ALBIPUNCTA D. & S. (6) DORSET. Portland, 24.9 (GAC); 2.10, worn male (RKAM). ESSEX S. Bradwell-on-Sea, 24.8 (SFD). HANTS ISLE OF WIGHT. Bouldner, 29.8 (DEW). KENT E. Boughton Aluph, 14.10 (MAE). SUSSEX E. Peacehaven, 17.10, fertile female (CRP).

MYTHIMNA VITELLINA Hb. (c.300) BUCKS. Willen, 25.8 (per MA). CORNWALL W. Kennack Sands, 19/20, male (Foster, *Ent. Rec.*, 95:216). Porthleven, 18/31.8, twenty-one (NG). Mawnan Smith, 16/18.9, three dark males (APF). Cornwall, 18/31.8, c.150 (J. Dyson per RCD). Lizard, 19/28.8, nightly maxima 24.8, fourteen, 27.8, fifteen (DCGB). Coverack, 23.9, three, 24.9 (ECP-C). Gunwalloe, 25.9, 28.9, swarming at sugar (JHC). CORNWALL E. Trebrowbridge, 24.9, dark (AS). DEVON N. Roborough, 15.9 (PHS). DORSET. Portland B.O., 1.9, two, 5.9, five, 6.9, two, 27.9 (NMH). Preston, 23.8, male (M. Cade). Swanage, 23.9 (PAD). Brownsea Island, 18.9 (ATB). Furzebrook, 22.9, 29.9, two (NRW). HANTS S. Highcliffe, 15.8 (Wild, *Ent. Rec.*, 95:231). HANTS N. Burghclere, 16.9 (CGE-F). KENT E. Dungeness, 3.9, two (MJ). SUSSEX W. Worthing, 13.9 (PDW). Walberton, 11.10 (JTR per CRP). WARWICKS. Charlecote, 8.9 (DCGB). PEMBROKE. Manorbier, 13.6, pale male (Mrs. DRR). Goodwick, 24.9, 27.9, two, 28.9, three (WLR). Co. CORK. Fountainstown, n.d., one only (AAM). GUERNSEY. Twenty-five noted; occurs annually, probably resident (TNDP).

MYTHIMNA UNIPUNCTA Haw. (22). CORNWALL W. Gunwalloe, 25.9 (JHC). Coverack, 21.9 (ECP-C). Lizard, 24.10 (DCGB). Rosewarne, 2.10 (per A. Riley & IW). CORNWALL E. Sheviock, 6.10 (SCM). DORSET. Portland, 2.10, B.O., 5.10, 12.10, 4.11, 16.11 (NMH). ESSEX S. Bradwell-on-Sea, 12.11 (AJD). NOTTS. Cropwell Butler, 1.10 (NEM). PEMBROKE. Manorbier, 22.9 (Mrs. DRR). Goodwick, 24.9, 27.9, 7.10, 9.10 (WLR). GUERNSEY. 25/30.9, four (TNDP).

MYTHIMNA LOREYI Dup. (42) CORNWALL W. Portleven, 18/31.8, six (NG). Mawnan Smith, 19.8 (APF). Lizard, 24.8, two, 25.8, two, 26.8, 27.8 (DCGB, AFJG); 27.8, five (BE, B. Statham); 30.8 (R.Cook); 2.9, 6.9, 7.9 (B. Skinner, RGC). CORNWALL E. Trebrowbridge, 25.8, 1.9; Bodmin Moor, 31.8 (AS). DEVON S. Axminster, 17.8 (ECP-C). DORSET. Preston, 25.8 (M. Cade). Portland B.O., 1.8, 20.8, two, 30.8, 6.9 (B. Skinner, NMH). HANTS S. Hayling Is., 15.8 (JMW). SURREY. Leigh, 29.8 (R. F. per B. Skinner). DERBYS. Glapwell, 10.9, female (JC). GUERNSEY. 28.8, 30.8, 1.9 (TNDP, RMA), first Guernsey records.

CRYPHIA RAPTRICULA D. & S. KENT E. Dungeness, 20.6 (Sterling, *Ent. Rec.*, 95:231).

*ENARGIA PALEACEA Esp. (3) BERKS. Faringdon, 18.7, 7.8 (MHVC). SUSSEX W. Ambersham, 26.7 (JTR per CRP).

SPODOPTERA EXIGUA Hb. (38) CORNWALL W. Coverack, 10.8, three (DCGB). Lizard, 22.8, 26.8 (DCGB); 27.8 (BE, BENHS Exhibition). DORSET. Portland B.O., 11.7, 8.8 (NMH). Preston, 8.11, male 9.11, female (M. Cade). ESSEX S. Bradwell-on-Sea, 26.7, 28.7, 3.10 (AJD, SFD). HANTS ISLE OF WIGHT. Freshwater, 23.9 (SAK-J). HANTS S. Hayling Is., 6.6, 29.7, 6.8 (JMW). Lyndhurst, Parkhill Enclosure, 5.8 (JWP). Highcliffe, 2.8 (EHW). HANTS N. Weyhill, 24.7, male, 25.7, female (MJ). KENT E. Sandwich, 30.8 (B. Skinner). Detling, 27.9 (NFH). Westbere, 29.9 (TWH). SUSSEX W. Rogate, 5.8, 13.8 (JACG). SUSSEX E. Ninfield, 7.6, 16.6 (MP per CRP). Ringmer, 30.7 (A. Batten per CRP). WARWICKS. Charlecote, 14.6, 17.8, 24.8 (AFJG). YORKS (v.c.61). Rudston, 6.7 (ASE per PQW). GUERNSEY. July 2nd week, five, 26.9 (TNDP).

HELIOTHIS ARMIGERA Hb. (22) CORNWALL W. Lizard, 24.9, two (DCGB). Coverack, 25.9; Gunwalloe, 25.9, 28.9, three (JHC). Rosewarne, 2.10 (per A. Riley & IW). DORSET. Poole, 23.9 (SCP, BENHS Exhibition). Swanage, 30.9 (B. Skinner). ESSEX S. Bradwell-on-Sea, 28.9, 17.10 (AJD, SFD). HANTS ISLE OF WIGHT. Freshwater, 25.9 (SAK-J). HANTS S. Highcliffe, 25.9 (EHW). HANTS N. Weyhill, 28.9, female (MJ). KENT E. Detling, 27.9 (NFH, BENHS Exhibition). SUSSEX W. Walberton, 26.9 (JTR per CRP). PEMBROKE. Goodwick, 28.9, two, 29.9 (WLR). GUERNSEY. Lethene, 28.9, 1.10 (TNDP).

HELIOTHIS PELTIGERA D. & S. (7 moths, larvae) BUCKS. Willen, 25.8 (per MA). CORNWALL E. Shevioc, 26.1, into house in very warm spell (Madge, *Ent. Rec.*, 96:37). DORSET. Portland B. O., 17.6 (NMH). HANTS S. Hayling Is., 27/28.8, larvae common on *Senecio viscosa* (JWP). KENT E. Detling, 10.6 (NFH). Dungeness, 24.8, a few larvae after long search (C. Hart). SUSSEX W. Pagharn Harbour, 25.8, two larvae (JWP). SUSSEX E. Brighton, 1.7 (KR per CRP).

EUBLEMA OSTRINA Hb. (3) DORSET. Portland, 25.6 (JMW); f. *carthami* female, no eggs obtained (Pickles, *Ent. Rec.*, 95:224); 18.6 (WLC per B. Skinner).

TRICHOPLUSIA NI Hb. (7) DORSET. Poole, 15.9 (SCP). PEMBROKE. Goodwick, 12.8, 1.9, 22.9, 24.9, two, 28.9 (WLR).

DIACHRYSLA ORICHALCEA F. (10) HANTS S. Highcliffe, 21.8 (EHW, BENHS Exhibition). Boldre, 29.7 (ADR, BENHS Exhibition). SUSSEX W. Walberton, 3.8, two, 5.8, 10.8, 11.8, 11.10, 11.11 (JTR per B. Skinner, CRP). WARWICKS. Stratford-on-Avon, 30.7, fertile female given by R. Bliss (DCGB).

MACDUNNOUGHIA CONFUSA Steph. (2) KENT E. Dover, 29.7, in garden trap (GHY). WARWICKS. Stockton, 31.8 (DW per B. Skinner).

*AUTOGRAPHIA BRACTEA D. & S. (1) KENT E. Kingsdown, 26.7 (TWH). [YORKS (v.c.61). Troutsdale, 1.7; Rudston, 18.7; Grimston, 28.7; Muston, 4.8, 6.8 (per PQW). Dates and distribution suggest that these were results of spread from areas of residence elsewhere in Yorkshire, rather than of immigration.]

CATOCALA FRAXINI L. (3) Cambs. Wicken Fen, n.d. (TB per HEC). SURREY. Croydon, 23.9 (Lees, *Ent. Rec.*, 96:16). GUERNSEY. Lethene, 7.9, last record 1889 (TNDP).

DYSGONIA ALGIRA L. DORSET. Near Swanage, 23.9 at m.v. light (Davey, *Proc. Trans. Br. ent. nat. Hist. Soc.*, 17:6, pl. 3, fig.).

*HYPENA CRASSALIS F. (2) SUSSEX E. Rye Harbour, 16.7 (R. Knight per MFWT). GUERNSEY. Lethene, 20.7, in absence of bilberry in Guernsey probably wind-blown; new to island (TNDP).

HYPENA OBSITALIS Treit. SUSSEX E. Rye, 6.3, disturbed in a garage where it had probably hibernated (Tweedie, *Ent. Rec.*, 95:126).

(To be continued)